

The Patent Office
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South Wales
NP10 8QQ

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Signed

Dated 27 August 2004

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Patents Form 1/77

Patents Act 1977
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The Patent Office
Cardiff Road
Newport
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Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form.)

1. Your reference

PF 42/IB/jar

2. Patent application number

(The Patent Office will fill in this part)

0317105.5

22 JUL 2003

3. Full name, address and postcode of the or of
each applicant (underline all surnames)

Polatis Ltd
25 Cambridge Science Park
Milton Road
Cambridge
CB4 0FW

Patents ADP number (if you know it)

If the applicant is a corporate body, give the
country/state of its incorporation

8105488001

4. Title of the invention

MOBILE PHONE APPLICATION

5. Name of your agent (if you have one)

I.P.21 Limited

"Address for service" in the United Kingdom
to which all correspondence should be sent
(including the postcode)

Norwich Research Park
Colney
NORWICH NR4 7UT

Patents ADP number (if you know it)

8660758001

6. If you are declaring priority from one or more
earlier patent applications, give the country
and the date of filing of the or of each of these
earlier applications and (if you know it) the or
each application number

Country

Priority application number
(if you know it)Date of filing
(day / month / year)7. If this application is divided or otherwise
derived from an earlier UK application,
give the number and the filing date of
the earlier application

Number of earlier application

Date of filing
(day / month / year)8. Is a statement of inventorship and of right
to grant of a patent required in support of
this request? (Answer 'Yes' or 'No')

YES

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

See note (a)

Patents Form 1/77

9. Enter the number of sheets for any of the following items you are filing with this form.
Do not count copies of the same document

Continuation sheets of this form	0
Description	1
Claim(s)	0
Abstract	0
Drawing(s)	0

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for preliminary examination and search (Patents Form 3/77)

Request for substantive examination
(Patents Form 10/77)Any other documents
(please specify)

11.

I/We request the grant of a patent on the basis of this application.

Signature *IP21 Limited by IC* Date
22/07/03

12. Name and daytime telephone number of person to contact in the United Kingdom

IAN BISHOP

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After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

Notes

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- Write your answers in capital letters using black ink or you may type them.
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- If you have answered 'Yes' Patents Form 7/77 will need to be filed.
- Once you have filled in the form you must remember to sign and date it.
- For details of the fee and ways to pay please contact the Patent Office.

Mobile phone application
A. Dames 18 July 2003. Polatis Limited

Take one efficient power supply, one 2D scanner (for instance as in Polatis disclosure fast piezo scanner, 18 July 2003), one <5mW red laser diode with collimating lens. Integrate into mobile for projection display of SMS text messages, and downloadable vector displays, static & animated. Good application would be map information (currently limited by small size of screen).

Scrolling map display incorporating simple inertial sensor in phone (eg pair of solid state rate gyros (even better 3 gyros to compensate for picture rotation)). Acts like search light illuminating different portions of picture/map as you point in different directions.

Fig 1 Mobile phone vector display

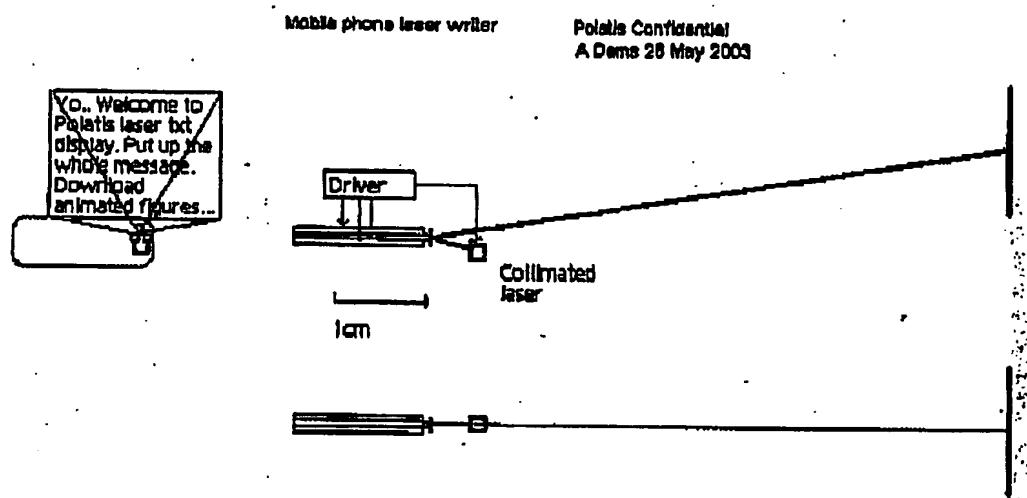
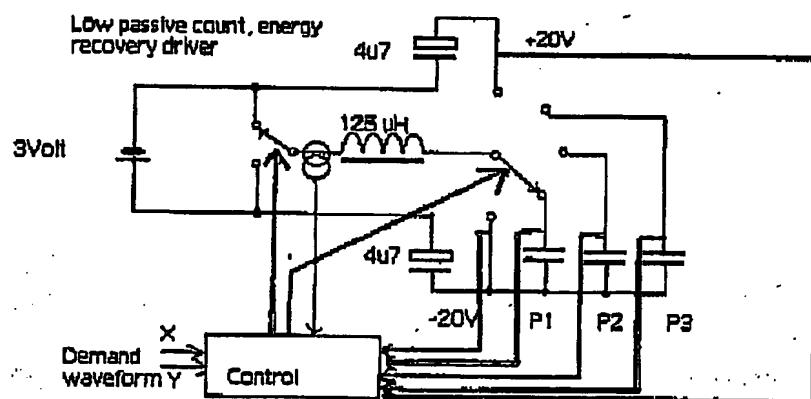


Fig 2: High efficiency power supply for driving piezo scanner:



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